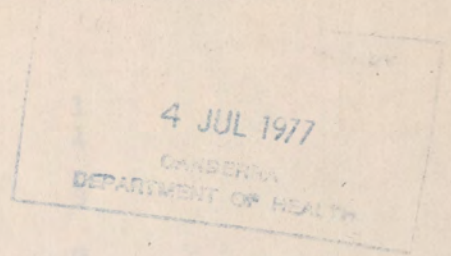


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WA100/N277

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

BULLETIN 7

25 March-7 April 1977



Q fever in New South Wales (supplied by ICPMR)

There has been a sudden increase in cases of Q fever in the mid. west of N.S.W. with about thirty-five cases in Forbes and others scattered around in Dubbo, Orange, Moree, Newcastle and Lismore.

Conjunctivitis in Melbourne (supplied by Fairfield)

Since late January, Fairfield Hospital Virus Laboratory has been receiving conjunctival swabs from a number of centres in Melbourne. To date, 22 of 67 specimens have yielded a slow growing adenovirus, five of these isolates have been typed as Adenovirus Type 8 and two are adenovirus, Type 19. Because the virus is slow growing, typing has been difficult. We have found the best procedure is to take the inoculum from human embryo lung cells (which give a high titre) and the neutralization test is done in monkey kidney cells where the CPE appears more rapidly.

EDITORIAL NOTES

Hepatitis B - how much is new?

Bulletin 5 reports suggestions from two contributors on reporting of hepatitis B - that weekly tests on known carriers not be reported, and that acute cases be distinguished from carriers. To see how much of what had been being reported came into each category, we have gone through some forms for period 6 reporting hepatitis B antigen or antibody and looked also for reports relating to the same individuals in period 5. The results were:

Current cases

stated as IV drug user	13
stated as post transfusion	2
stated as heterosexual contact	1
stated as homosexual contact	1
stated as family	1
stated as recent overseas travel	1
stated as institutional inmate	1
stated as infectious hepatitis, no further details of origin	8
stated as serum hepatitis, no further details of origin	3
no details of origin	<u>13</u>
Total current cases	44

Carriers

Laboratory staff	1
Renal unit staff	1
Second report relating to same patient in period 6	3
Earlier report relating to same patient in period 5	9
Stated as carrier, no earlier report in period 5	<u>8</u>
Total carriers	22

Survey

IV drug users in Adelaide (see Bulletin 6)	12
<u>Total records examined</u>	78

We will be able to examine the situation more thoroughly once the service is computerised, but the above rough breakdown should be of interest.

EDITORIAL NOTES

Delayed distribution

This issue has been distributed late because, with postal difficulties over the Easter holidays, report forms were late coming in. Then our offset duplicator broke down.

Abbreviations on tables

For the benefit of readers who may not be familiar with the abbreviations of laboratory names and sources of specimens on the tables attached, we will add keys to them to the tables from time to time. Unfortunately, there was no space for this in this bulletin's tables. Once circulation reaches a level at which the bulletin is more economically printed the problems will solve themselves, but until then we ask you to bear with our typewritten tables.

NATIONAL MICROBIOLOGICAL LABORATORY REPORTING SERVICE

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SOURCE OF SPECIMEN

	FA	BL	NA	CS	SK	EY	UR	GE	BR	OT	TOTAL
0100 Adenovirus not typed	2	3	1			1					7
0101 " type 1	1										1
0102 " " 2						3					3
0103 " " 3	1		4								5
0104 " " 4		1	2		1					2	6
0107 " " 7			2								2
0108 " " 8						3					3
0119 " " 19						1					1
0201 Influenza A virus		2									2
0301 Parainfluenza virus type 1		1	16								17
0302 " " " 2	1	1	8						1		11
0303 " " " 3			8								8
0400 Respiratory syncytial virus (RS)		1	2								3
0500 Rhinovirus (all types)			9								9
0600 Mycoplasma pneumoniae		6									6
0700 Ornithosis-psittacosis		2									2
0905 Coxsackievirus B5	4		1	2							7
1006 Echovirus type 6	4		4	4			1				13
1009 " " 9	1		5	8							14
1010 " " 10 = Reovirus	1										1
1011 " " 11	3			1							4
1014 " " 14				1							1
1017 " " 17	1		3								4
1018 " " 18	1										1
1019 " " 19	2		7	5							14

25 March - 7 April 1977

SOURCE OF SPECIMEN

VIRUS OR VIRAL ANTIGEN		SOURCE OF SPECIMEN									TOTAL	
		FA	BL	NA	CS	SK	EY	UR	GE	BR		OT
1030	Echovirus type 30				1							1
1101	Poliovirus type 1	1										1
1103	" " 3	1										1
1104	" vaccinal strain	1										1
1200	Mumps virus		2	4								6
1301	Herpes simplex virus - not typed		5	6			1				1	13
1303	Varicella-Zoster virus		1									1
1306	Herpes simplex type 1 (oral)			6		5			2			13
1307	" " " 2 (genital)			1		4		15			1	21
1401	Coxiella burnetii		37									37
1515	Contagious pustular dermatitis (Orf virus)					2						2
1521	Measles virus		3									3
1522	Rubella virus		1									1
1532	Hepatitis B antigen		30									30
1533	" B antibody		21									21
1543	LGV - Lymphogranuloma venereum		1									1
1556	CMV - cytomegalovirus		20	2				3				25
1563	Coronavirus	9										9
TOTAL TYPED VIRUSES		34	138	91	22	12	9	4	17	1	4	332
0199	Adenovirus type pending	1		2								3
0399	Parainfluenza virus type pending			4								4
1099	Echovirus type pending	1		4	1							6
1399	Herpes virus type pending					1						1
1599	Enterovirus type pending	34		8		2						14

25 March - 7 April 1977

LABORATORY

VIRUS OR VIRAL ANTIGEN	IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/POW	RCH	TOTAL
0100 Adenovirus not typed	3	2	1			1	7
0101 " type 1	1						1
0102 " " 2					3		3
0103 " " 3		2	1	1	1		5
0104 " " 4	4						4
0107 " " 7			1	1			2
0108 " " 8			3				3
0119 " " 19			1				1
0201 Influenza A virus		2					2
0301 Parainfluenza virus type 1	1		6	4		6	17
0302 " " " 2	1		2			7	10
0303 " " " 3	1		1			6	8
0400 Respiratory syncytial virus (RS)				1	1	1	3
0500 Rhinovirus (all types)	1	1	2			5	9
0600 Mycoplasma pneumoniae	1	5					6
0700 Ornithosis-psittacosis	1		1				2
0905 Coxsackievirus B5		1	1		4		6
1006 Echovirus type 6	1		6		2		9
1009 " " 9	3	2	5	1			11
1010 " " 10 = Reovirus					1		1
1011 " " 11	1				3		4
1014 " " 14		1					1
1017 " " 17	2		2				4
1018 " " 18				1			1
1019 " " 19	3		8				11

25 March - 7 April 1977

LABORATORY

VIRUS OR VIRAL ANTIGEN	IMVS	ICPMR	FAIR-FIELD	RAHC	PHH/POW	RCH	TOTAL
1030 Echovirus type 30		1					1
1101 Poliovirus type 1	1						1
1103 " " 3	1						1
1104 " vaccinal strain					1		1
1200 Mumps virus			3		2	1	6
1301 Herpes simplex virus - not typed		2	1	2	5	4	14
1303 Varicella-Zoster virus					1		1
1306 Herpes simplex type 1 (oral)	3		10				13
1307 " " " 2 (genital)	13	3	5				21
1401 Coxiella burneti		38					38
1515 Contagious pustular dermatitis (Orf virus)	1				1		2
1521 Measles virus					3		3
1522 Rubella virus					1		1
1532 Hepatitis B antigen	6		13		11		30
1533 " B antibody	21						21
1543 LGB - Lymphogranuloma venereum		1					1
1556 CMV - cytomegalovirus	3	9			11	1	24
1563 Coronavirus	9						9
TOTAL TYPED VIRUSES	82	70	73	11	51	32	319
0199 Adenovirus type pending				1		2	3
0399 Parainfluenza virus type pending	3					1	4
1099 Echovirus type pending				4		1	5
1399 Herpes virus type pending			1				1
1599 Enterovirus type pending	4					8	12